

【書類名】 図面 { Title of Document } Drawings

【図】 { Fig. 1 }

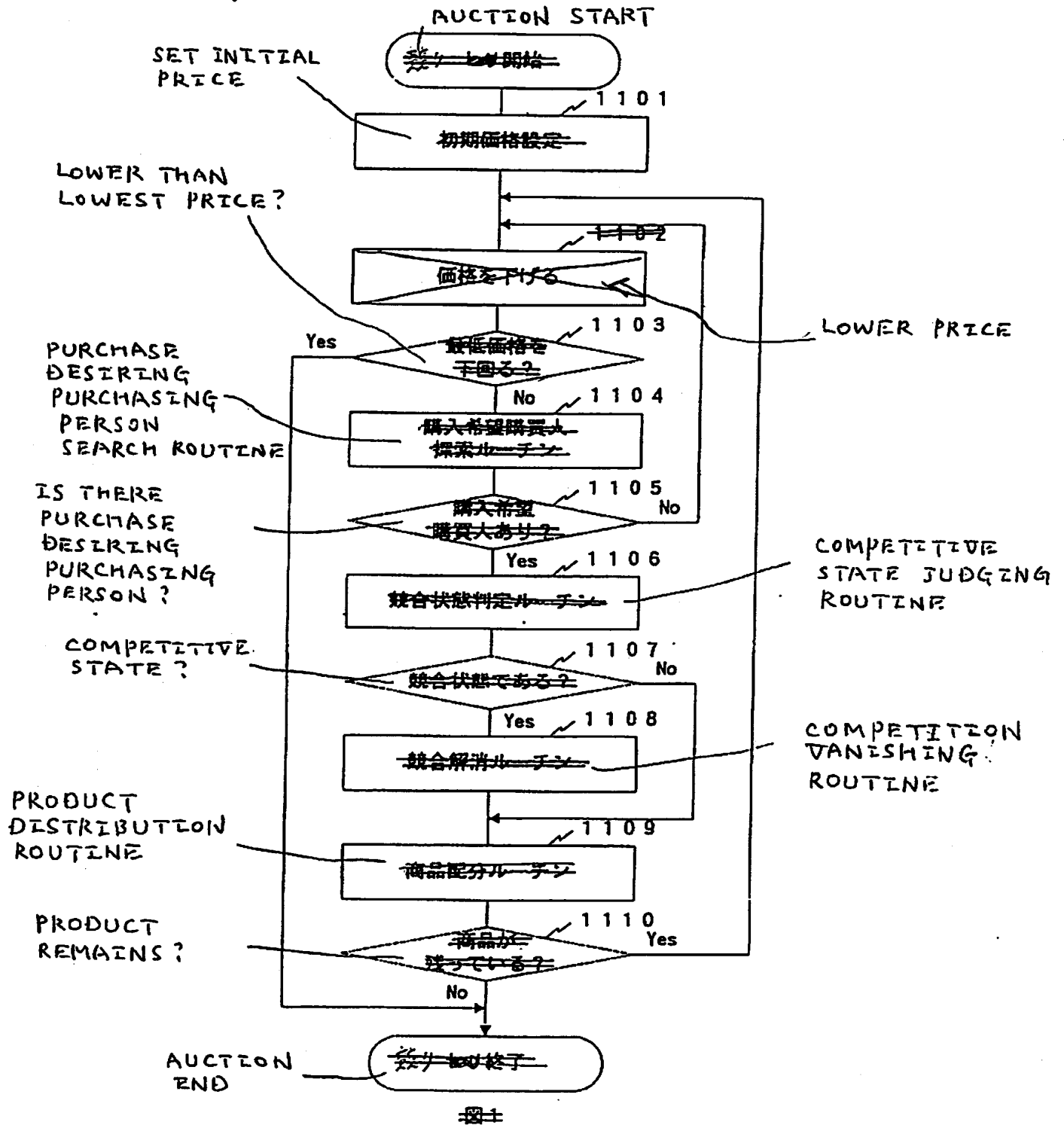


FIG. 1

~~(図 2)~~ [Fig. 2]

[ELECTRONIC MARKETPLACE SERVER]

~~【電子市場サーバ】~~

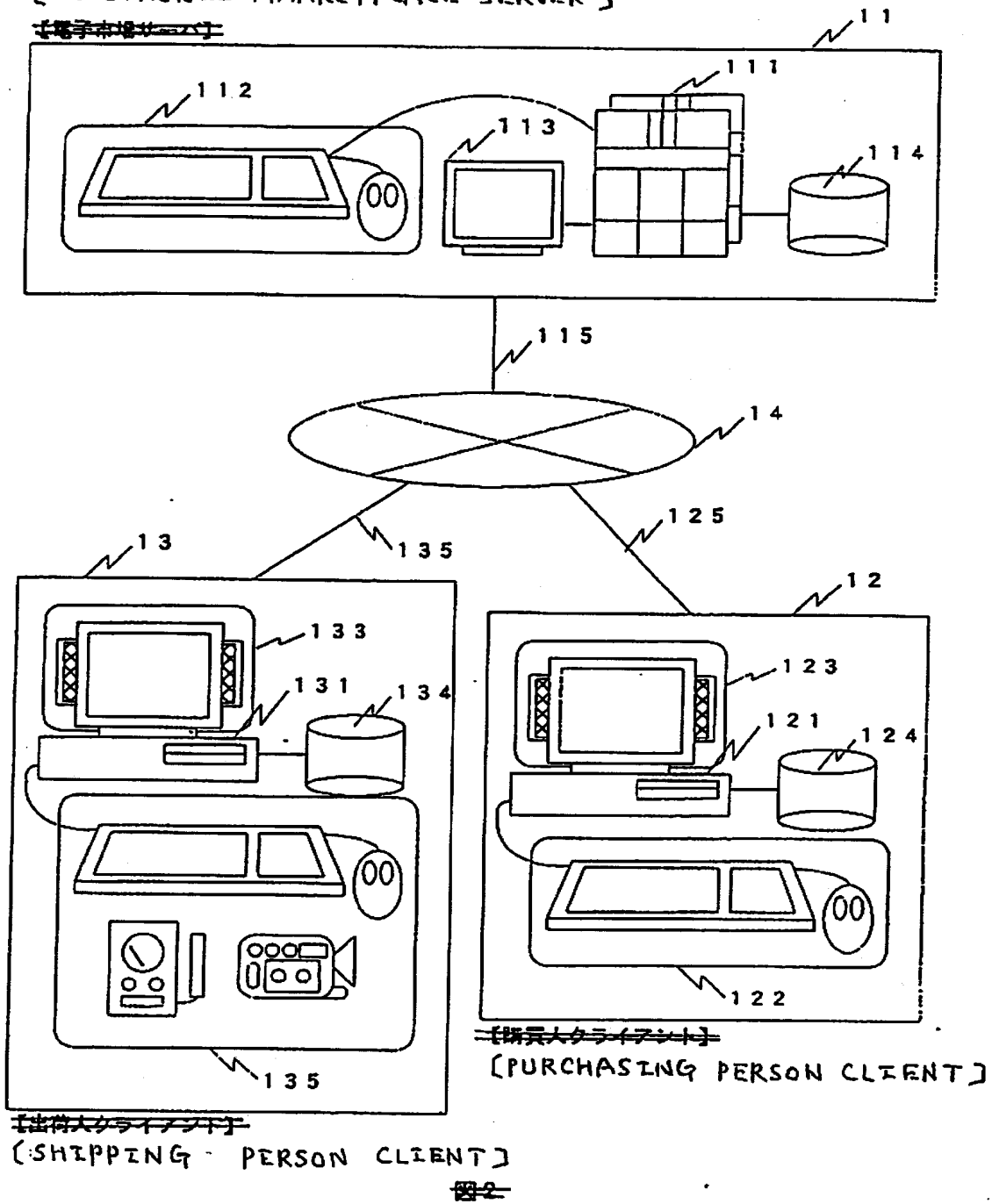


FIG. 2

【図3】 {Fig. 3}

AUCTION CONDITION INPUT EDITOR
競り条件入力エディタ

PURCHASING PERSON ID: 購買人ID: m-mori (311)

PRODUCT NUMBER: 商品番号: 215-960529-001-001 (312)

RULE LIST: ルールリスト (313)

PURCHASE 80 BOXES AT ¥90 (+¥2)

90円(+2円)で80箱購入 (314)

90円(+4円)で50箱以上80箱以下購入 (315)

NEWLY REGISTER: 新規登録... (321)

CORRECT: 訂正... (322)

DELETE: 削除 (323)

TRANSMIT: 送信 (326)

DO NOT PARTICIPATE IN AUCTION ONCE SUCCESSFUL BID HAS BEEN CONDUCTED (31)

PRIORITY ↑ (324)

PRIORITY ↓ (325)

SUSPEND: 中止 (327)

PURCHASE AT LEAST 50 AND AT MOST 80 BOXES AT ¥90 (+¥4)

図4

FIG. 4

【図5】 {Fig. 4}

RULE EDITOR ルールエディタ

PRICE CONDITION: 価格条件 (411)

SPECIFIED PRICE: 価格指定 (412)

LOWEST PRICE: 最低価格 (413)

競合時最大許容価格: 4円 (414)

AMOUNT CONDITION (ARRIVAL AMOUNT: 200): 数量条件 (入荷量: 200) (421)

MAXIMUM ALLOWANCE IN COMPETITION: 全量購入 (422)

ALL AMOUNT PURCHASE: 定量購入 (423)

FIXED AMOUNT PURCHASE: 範囲指定購入 (424)

RANGE DESIGNATION PURCHASE: 希望数量以下でも購入する (425)

BOXES: 50 to 80 (426)

PURCHASE EVEN IF DESIRED AMOUNT IS NOT REACHED (427)

REGISTER IN RULE LIST: ルールリストへ登録 (431)

SUSPEND: 中止 (432)

FIG. 5

[5] { Fig. 5 }

OZENJI MARKETPLACE — TULIP —

干禅寺市場 ~~チュリップ種~~

TULIP
◆ ~~チュリップ~~

PRODUCT NUMBER
商品番号: 215-960529-001-001

発注する ORDER

| | | | |
|--------------------|--------|----------------|-----|
| VARIETY | 品種 | 〇〇種 | 212 |
| STANDARD AND COLOR | 規格・色 | M-S | 213 |
| GROWING AREA | 産地 | 横浜市 | 214 |
| SHIPPING PERSON | 出荷者 | 美しが丘農協 | 215 |
| AMOUNT | 数量 | 200箱 | 216 |
| TIME LIMIT | 締切時間 | 96/05/29 15:00 | 217 |
| AUCTION END TIME | 競り終了時間 | 96/05/29 15:30 | 218 |

YOKOHAMA CITY
UTSUKUSHIGAOKA
AGRICULTURAL
COOPERATIVE
200 BOXES

PRODUCT NUMBER
商品番号: 215-960529-001-002

発注する ORDER

| | | |
|--------------------|------|--------|
| VARIETY | 品種 | △△種 |
| STANDARD AND COLOR | 規格・色 | L-S |
| GROWING AREA | 産地 | 川崎市 |
| SHIPPING PERSON | 出荷者 | 美しが丘農協 |
| | 数量 | 120箱 |

KAWASAKI CITY
NITJIGAOKA
AGRICULTURAL
COOPERATIVE
120 BOXES

図3

[6] { Fig. 6 }

FIG. 3

AUCTION ORDERING SITUATION

競り発注状況

ORDERING PRODUCT LIST
◆ 発注商品リスト 511

| | | | | |
|-------------------|--------------------|---|---|------------|
| 96/05/28 12:34:56 | 215-960528-003-002 | 済 | ↑ | (FINISHED) |
| 96/05/29 13:53:21 | 215-960529-001-001 | 済 | | (FINISHED) |
| 96/05/29 13:53:21 | 215-960529-005-002 | 未 | ↓ | (NOT YET) |

512 発注情報表示/修正

513 発注中止

514 競り結果表示

515 閉じる

DISPLAY/CORRECT ORDERING INFORMATION

DISPLAY AUCTION RESULT

SUSPEND ORDERING

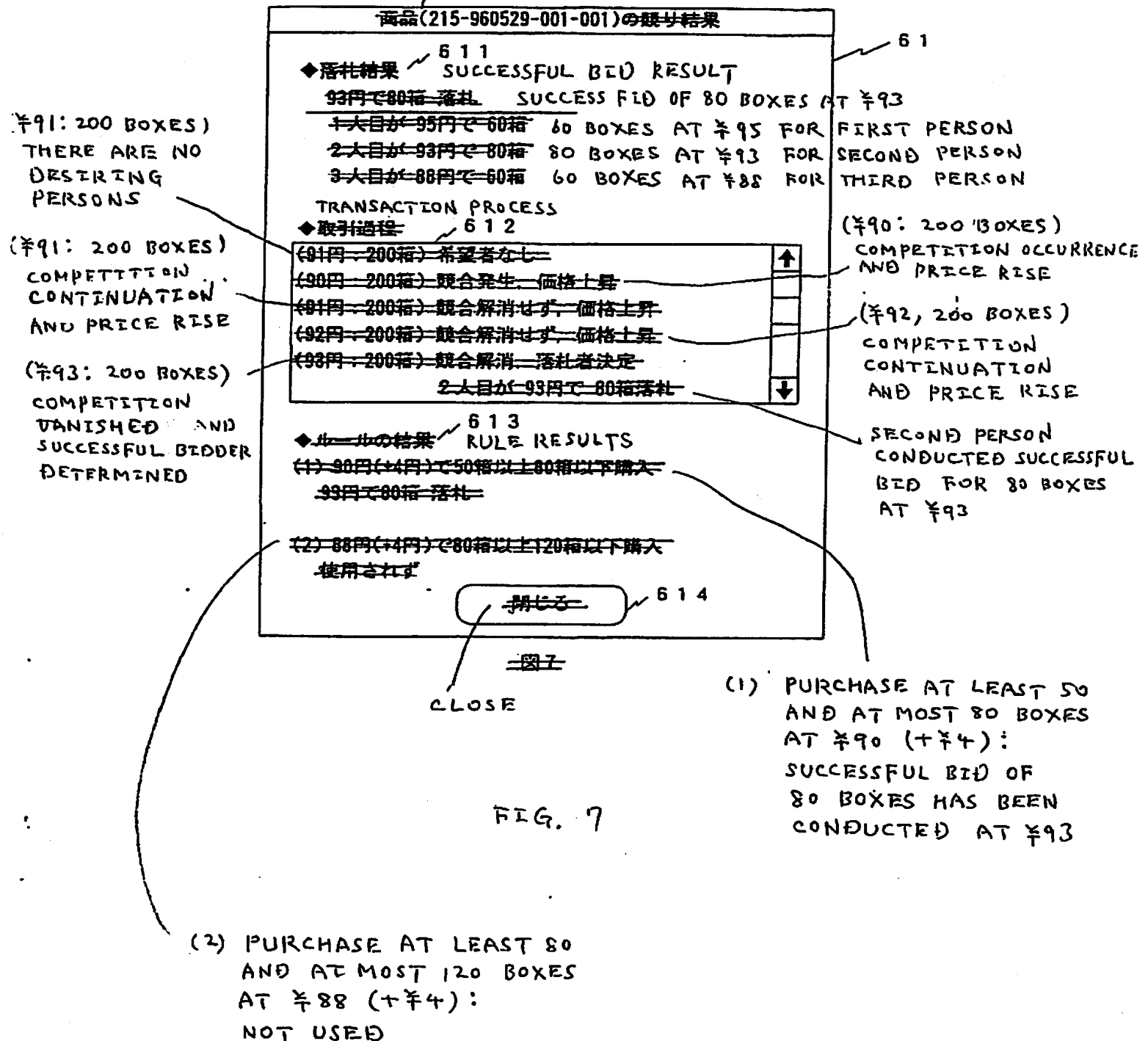
CLOSE

図6

FIG. 6

[52] {Fig. 7}

AUCTION RESULT OF PRODUCT



(図 8) { Fig. 8 }

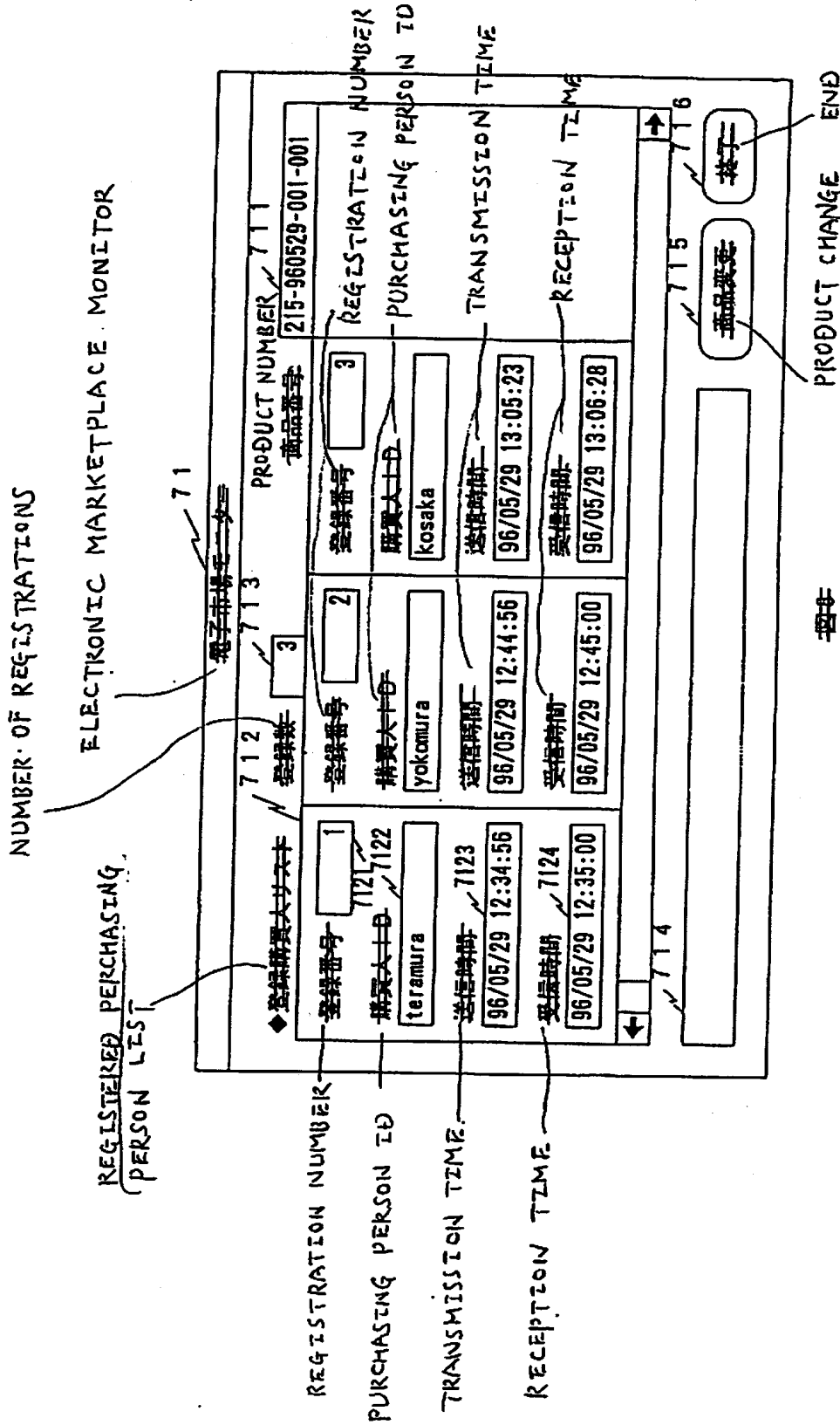
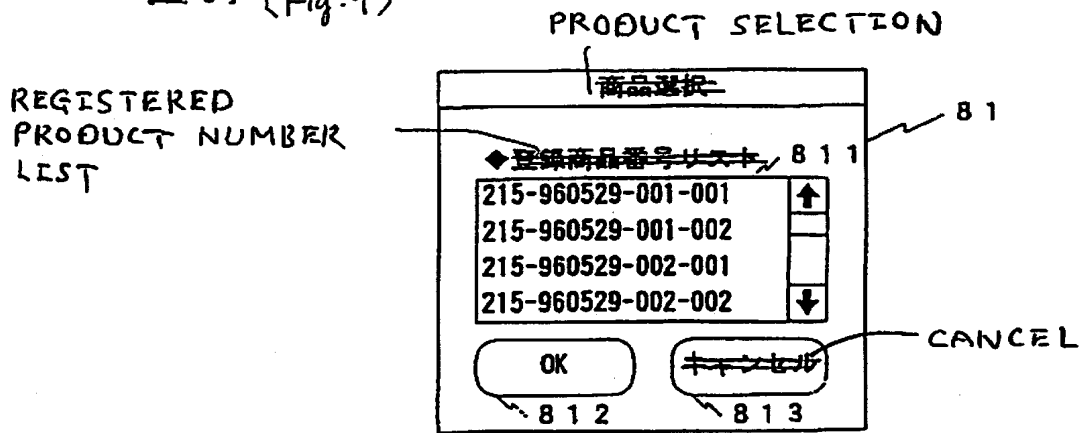


FIG. 8

~~図 9~~ (Fig. 9)



~~図 9~~

FIG. 9

(図 10)
{ Fig. 10 }

NUMBER OF REGISTRATIONS

ELECTRONIC MARKETPLACE MONITOR

REGISTERED PURCHASING
PERSON LIST

電子市場モニター

| 登録購入者リスト | 登録数 | 登録番号 | 商品番号 | 商品名 |
|------------------------|------------------------|------------------------|------------------------|--------|
| 登録番号 1 | 2 | 登録番号 3 | 215-960529-001-001 | 登録番号 4 |
| 購入者ID teramura | 購入者ID yokomura | 購入者ID kosaka | 購入者ID m-mori | |
| 送信時間 96/05/29 12:34:56 | 送信時間 96/05/29 12:44:56 | 送信時間 96/05/29 13:05:23 | 送信時間 96/05/29 13:53:16 | |
| 受信時間 96/05/29 12:35:00 | 受信時間 96/05/29 12:45:00 | 受信時間 96/05/29 13:06:28 | 受信時間 96/05/29 13:53:21 | |

712

713

714

719

REGISTRATION NUMBER

PURCHASING PERSON ID

TRANSMISSION TIME

RECEPTION TIME

商品変更

終了

END

PRODUCT CHANGE

NEW PURCHASING PERSON
HAS BEEN REGISTERED

図 10

FIG. 10

(図 1 1) (Fig. 11)

NUMBER OF BIDDERS

LIST OF PURCHASING
PERSONS DESIRING
PURCHASE

AUCTION MONITOR

91

| | | | | | |
|------------------|----------|----------|---------------------|-------------------------|--|
| 912 | | 913 | | PRODUCT NUMBER 912 | |
| ◆ 購入希望購入者大サナ | | 登録番号 3 | | 商品番号 215-960529-001-001 | |
| 登録番号 1 | 登録番号 3 | 登録番号 4 | | | |
| 希望 | 希望 | 希望 | | | |
| 購買大サナ 9123 | 購買大サナ | 購買大サナ | | | |
| teramura | kosaka | m-mori | | | |
| 希望数量 150 | 希望数量 60 | 希望数量 80 | | | |
| 配分数量 未配分 | 配分数量 未配分 | 配分数量 未配分 | | | |
| 9124 | | | 916 | | |
| AUCION SITUATION | | | TRANSACTION PROCESS | | |
| ◆ 取引状況 | | | ◆ 取引過程 917 | | |
| 数量 914 200 | | | (94円=200箱) 希望者なし | | |
| 価格 915 90 | | | (93円=200箱) 希望者なし | | |
| | | | (92円=200箱) 希望者なし | | |
| | | | (91円=200箱) 希望者なし | | |
| | | | (90円=200箱) 競合発生 | | |

NOT YET ALLOCATED

REMAINING
QUANTITY

PRICE

- (914 : 200 BOXES) NO BIDDERS
- (913 : 200 BOXES) NO BIDDERS
- (912 : 200 BOXES) NO BIDDERS
- (911 : 200 BOXES) NO BIDDERS
- (910 : 200 BOXES) COMPETITION OCCURRENCE

図 1 1

Fig. 11

| LIST OF PURCHASING PERSONS DESIRING PURCHASE | NUMBER OF BIDDERS | AUCTION MONITOR |
|--|-------------------|-----------------|
| | | |

NUMBER OF BODERS

AUCTION MONITOR

19

[illegible]

(¥90: 200 BOXES) COMPETITION OCCURRENCE, PRICE RISE

三

Fig. 13

(#43: 200 BOXES) COMPETITION DANCEHALL, SUCCESSFUL BIDDING DETERMINED

KOSAKA MADE SUCCESSFUL BZD FOR 60 BOXES AT \$93

(図14) START OF PURCHASE DESIRING
PURCHASING PERSON SEARCH
{Fig. 14} ROUTINE

LOOP 2
(ALL RULES HELD BY PURCHASING
PERSON EXCEPTING
RULES)

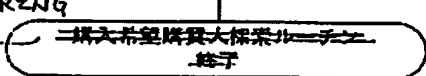
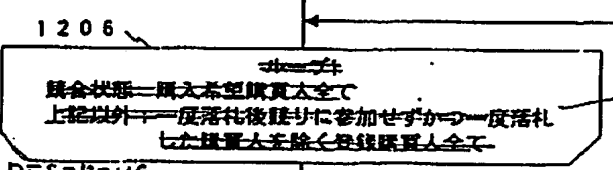
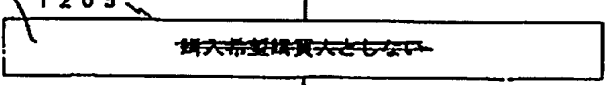
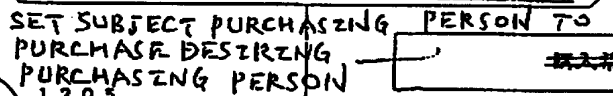
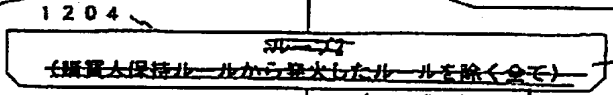
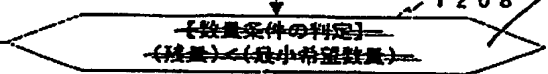
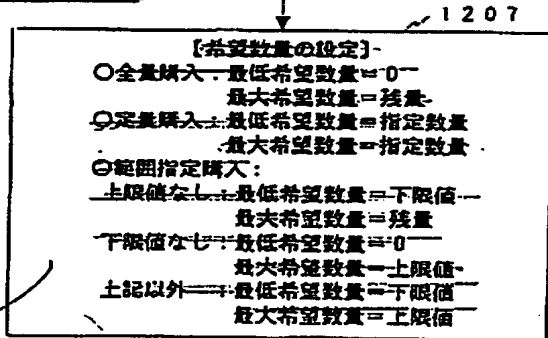
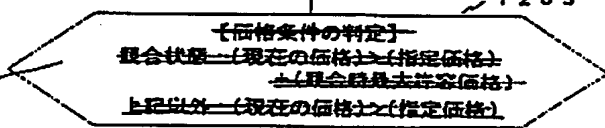
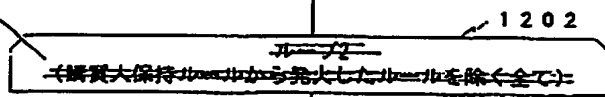
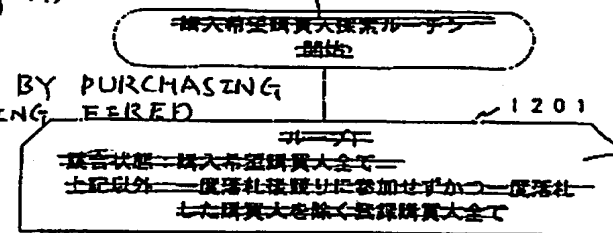
Loop 1

COMPETITIVE STATE: ALL OF
PURCHASE DESIRING PURCHASING
PERSONS
OTHERWISE: ALL OF REGISTERED
PURCHASING PERSONS EXCEPTING
PURCHASING PERSONS WHO DID
NOT PARTICIPATE IN AUCTION
AFTER CONDUCTING SUCCESSFUL
BID ONCE AND WHO CONDUCTED
SUCCESSFUL BID ONCE

(JUDGMENT
OF AMOUNT
CONDITION)
(REMAINING
QUANTITY)
<(MINIMUM
DESIRED
AMOUNT)

(JUDGMENT OF PRICE CONDITION)
COMPETITIVE STATE:
(CURRENT PRICE) > (SPECIFIED PRICE)
+ (HIGHEST POSSIBLE PRICE IN
COMPETITION)
OTHERWISE: (CURRENT PRICE)
> (SPECIFIED PRICE)

EXCLUDE SUBJECT PURCHASING
PERSON FROM PURCHASE
DESIRING PERSONS



Loop 2
(ALL RULES HELD BY PURCHASING
PERSON EXCEPTING
RULES)

Loop 1
COMPETITIVE STATE: ALL OF
PURCHASE DESIRING PURCHASING
PERSONS
OTHERWISE: ALL OF REGISTERED
PURCHASING PERSONS EXCEPTING
PURCHASING PERSONS WHO DID NOT
PARTICIPATE IN AUCTION AFTER
CONDUCTING SUCCESSFUL BID ONCE
AND WHO CONDUCTED SUCCESSFUL
BID ONCE

FIG. 14

[SET DESIRED AMOUNT]

- ALL AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = 0
MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY
- FIXED AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = SPECIFIED AMOUNT
MAXIMUM DESIRED AMOUNT = SPECIFIED AMOUNT
- RANGE DESIGNATION PURCHASE:
UPPER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = LOWER LIMIT
MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY
LOWER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = 0
MAXIMUM DESIRED AMOUNT = UPPER LIMIT
MINIMUM DESIRED AMOUNT = LOWER LIMIT
MAXIMUM DESIRED AMOUNT = UPPER LIMIT
- OTHERWISE:

【図15】 {Fig. 15}

CALCULATE SUM TOTAL (SUM TOTAL 1) OF MINIMUM DESIRED AMOUNTS OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT

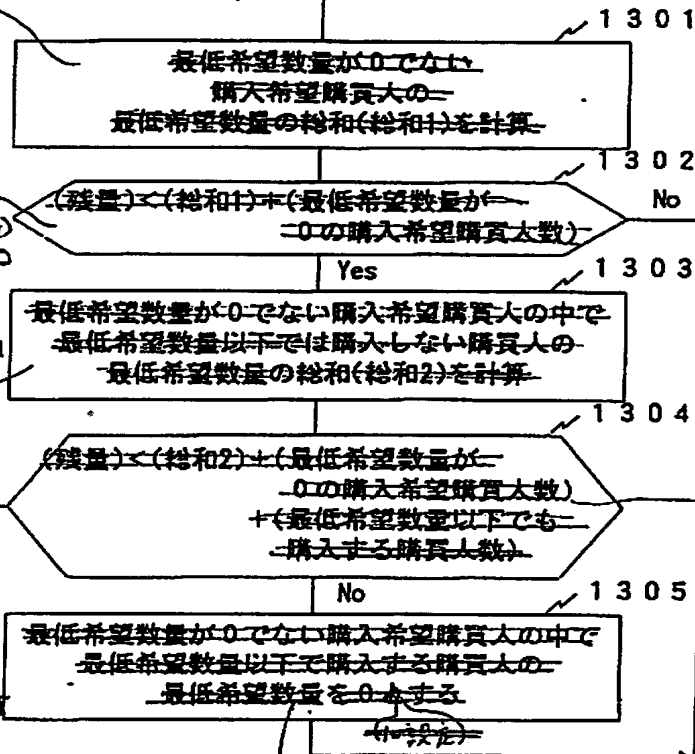
COMPETITIVE STATE / JUDGING ROUTINE

競合状態判定ル=チ=

1106

(REMAINING QUANTITY) < (SUM TOTAL 1) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO)

CALCULATE SUM TOTAL (SUM TOTAL 2) OF MINIMUM DESIRED AMOUNTS OF PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO DESIRED AMOUNT AND WHO DO NOT PURCHASE FOR AMOUNT LESS THAN MINIMUM DESIRED AMOUNT



COMPETITIVE STATE

競合状態

ALLOCATABLE STATE

配分可能状態

図15

FIG. 15

FOR PURCHASE DESIRING PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT AND WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT, SET MINIMUM DESIRED AMOUNT TO 0

(REMAINING QUANTITY) < (SUM TOTAL 2) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO) + (NUMBER OF PURCHASING PERSONS WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT)

[図 1 6]

{ Fig. 16 }

START OF COMPETITION VANISHING ROUTINE

1108

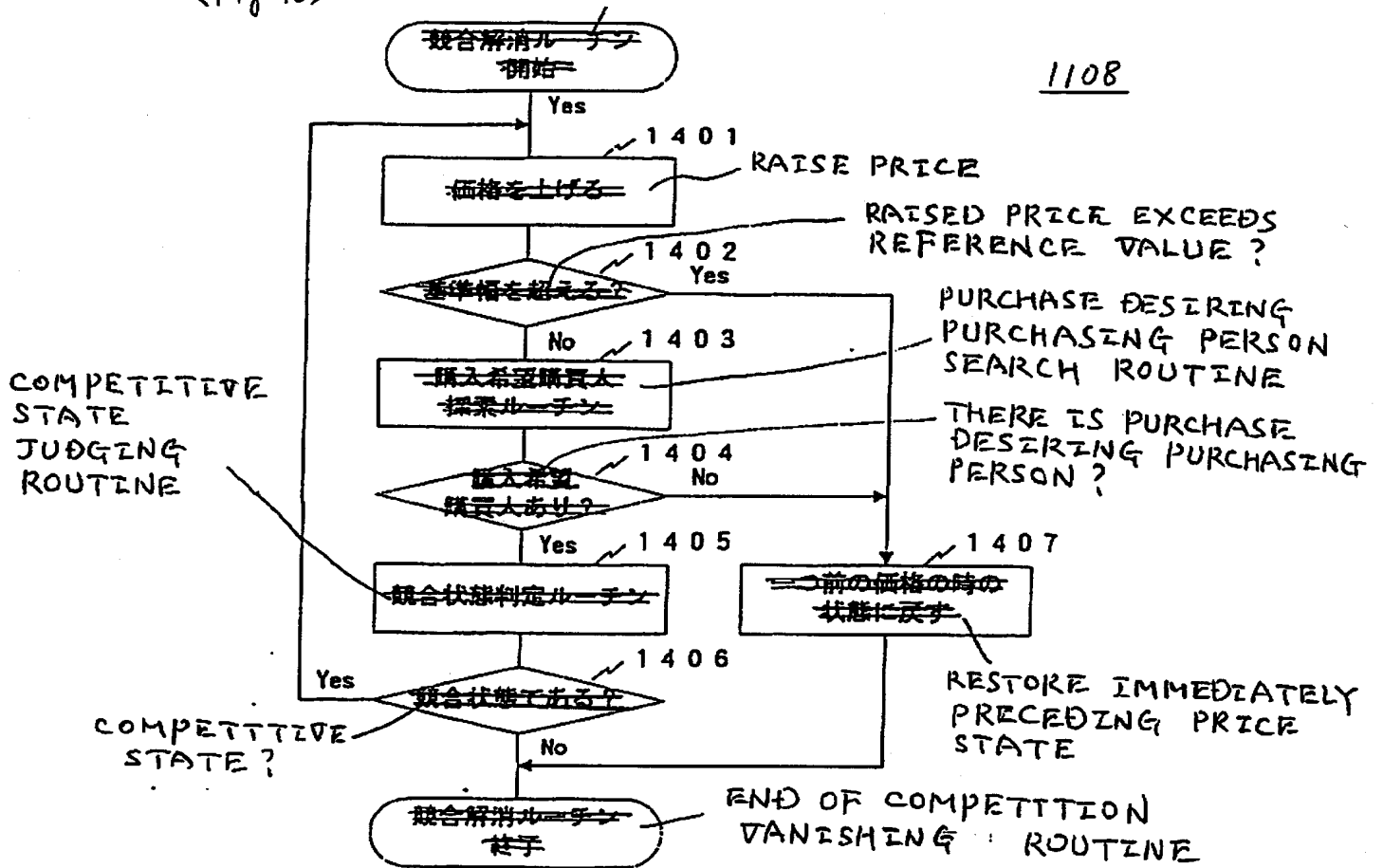
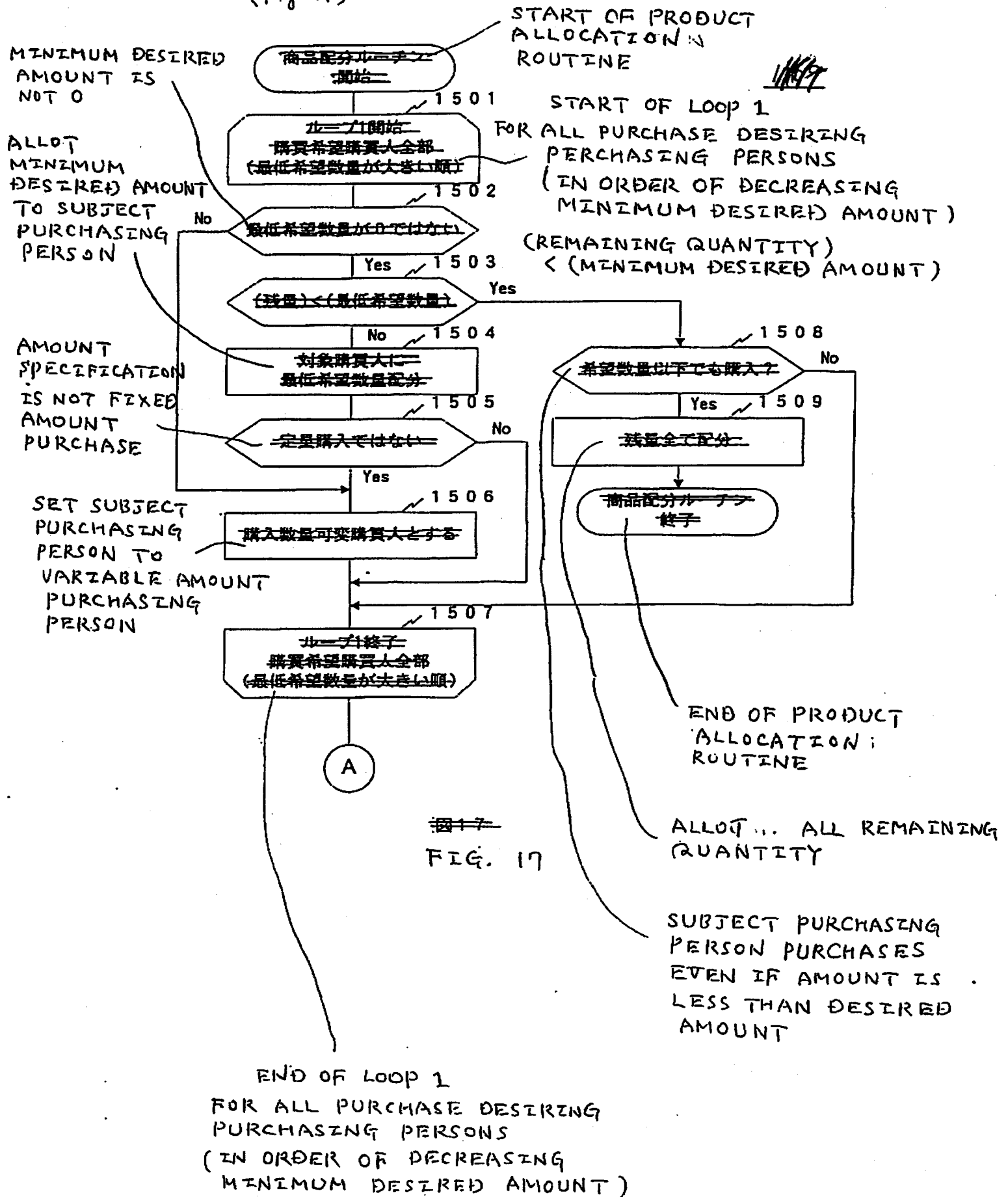


図 1 6

FIG. 16

【図17】 {Fig. 17}



[~~図18~~] {Fig. 18}

REMAINING QUANTITY > 0
AND
THERE IS VARIABLE AMOUNT
PURCHASING PERSON

~~1169~~

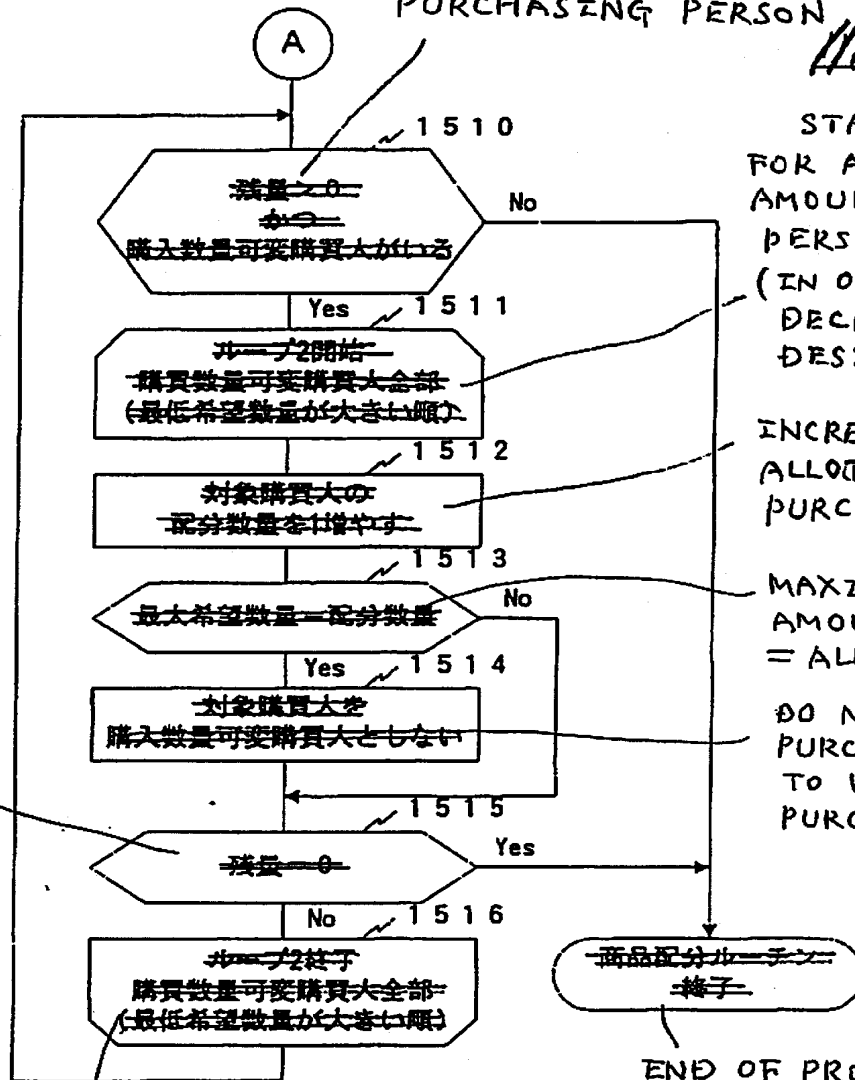
START OF LOOP 2
FOR ALL OF VARIABLE
AMOUNT PURCHASING
PERSONS
(IN ORDER OF
DECREASING MINIMUM
DESIRED AMOUNT)

INCREASE AMOUNT
ALLOTTED TO SUBJECT
PURCHASING PERSON

MAXIMUM DESIRED
AMOUNT
= ALLOTTED AMOUNT

DO NOT SET SUBJECT
PURCHASING PERSON
TO VARIABLE AMOUNT
PURCHASING PERSON

REMAINING
QUANTITY = 0



~~図18~~

FIG. 18

END OF LOOP 2
FOR ALL OF VARIABLE
AMOUNT PURCHASING
PERSONS
(IN ORDER OF
DECREASING MINIMUM
DESIRED AMOUNT)

END OF PRODUCT
ALLOCATION
ROUTINE

[図 1 9] { Fig. 19 }

2 0 1 0

| [競り条件] | |
|----------|------|
| 数量 | 200箱 |
| 初期価格 | 100円 |
| 価格下げ幅 | 1円 |
| 最低価格 | 70円 |
| 競合時上げ幅 | 1円 |
| 最大上げ幅 | 10円 |

[AUCTION CONDITION]

| | |
|------------------|-----------|
| QUANTITY | 200 BOXES |
| INITIAL PRICE | ¥100 |
| INCREMENT OF | |
| DESCENDING PRICE | ¥1 |
| LOWEST PRICE | ¥70 |
| INCREMENT OF | |
| ASCENDING PRICE | |
| IN COMPETITION | ¥1 |
| HIGHEST | |
| ASCENDING PRICE | ¥10 |

~~図 1 8~~

FIG. 19

[~~図 2 0~~] { Fig. 20 }

[REGISTERED PURCHASING
PERSONS AND AUCTION
ORDERING INFORMATION]

[PURCHASING PERSON A]
PURCHASE 60 BOXES
AT ¥95 (+¥2)
PURCHASE ALL AMOUNT
AT LOWEST PRICE
(+¥2)

[PURCHASING PERSON B]
PURCHASE 100 BOXES
AT ¥90 (+¥2)
PURCHASE 70 TO 100
BOXES AT ¥90 (+¥4)
DO NOT PARTICIPATE IN
AUCTION AFTER
CONDUCTING
SUCCESSFUL BID
ONCE

[PURCHASING PERSON C]
PURCHASE 80 BOXES AT
¥90 (+¥4)

[PURCHASING PERSON D]
PURCHASE 50 TO 150 BOXES
AT ¥88 (+¥3)

2 0 2 0

| [登録購入者と競り発注情報] | |
|---------------------|---------|
| [購買人 A] | 2 0 2 1 |
| 95円(+2円)で60箱購入 | |
| 最低価格(+2円)で全量購入 | |
| [購買人 B] | 2 0 2 2 |
| 90円(+2円)で100箱購入 | |
| 90円(+4円)で70箱~100箱購入 | |
| 一度落札後競りに参加しない | |
| [購買人 C] | 2 0 2 3 |
| 90円(+4円)で80箱購入 | |
| [購買人 D] | 2 0 2 4 |
| 88円(+3円)で50箱~150箱購入 | |

~~図 2 0~~

FIG. 20